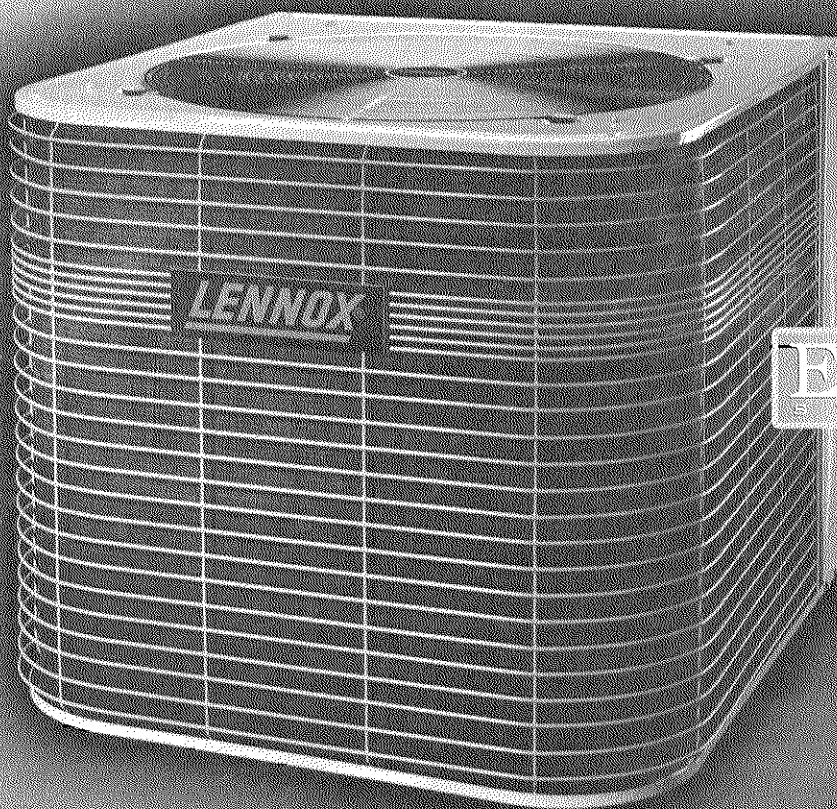


**LENNOX** ELITE SERIES

**E L I T E 1 3™**  
WITH R410A  
REFRIGERANT  
A I R C O N D I T I O N E R



**LENNOX**  
**Environ**  
SYSTEMS

**OWNER'S MANUAL**



*Lennox' Elite 13™ air conditioner with R410A combines environmental responsibility & home comfort. That's the kind of responsible engineering you expect from the company you trust.*

## *Protect Your Investment Proper Maintenance is Your Responsibility*

### **ELITE 13™**



Congratulations, you have made a wise choice with the purchase of your Lennox Elite 13™

air conditioner with R410A. For over 100 years, people have trusted Lennox to make their lives more comfortable. Lennox prides itself in manufacturing high quality products that keep you comfortable and keep your monthly energy bills low, year after year.

### **WARRANTIES**

Your unit is covered by one of the best warranties in the industry. The compressor in your new



Elite 13™ air conditioner is designed for use with R410A refrigerant and is backed



by a 10-year limited warranty. All remaining components are covered by a 5-year limited parts warranty. That's one more reason to trust Lennox.

Your Elite® Series air conditioner with R410A refrigerant includes a sheet which outlines the warranty and its conditions. Keep your warranty along with other important records concerning the purchase and maintenance of your heating and cooling equipment.

You should be aware that failure to maintain your system as outlined in this manual will void your equipment warranty.

### **MAINTENANCE**

In order to ensure peak performance, your system must be properly maintained. A little effort on your part will keep your system in top form year after year. Clogged filters and blocked airflow prevent your unit from operating at its most efficient level.

Ask your Lennox dealer to show you where your indoor unit's filter is located. It will be either at the indoor unit (installed internal or external to the cabinet) or behind a return air grille in the wall or ceiling. Check the filter monthly and clean or replace it as needed.



# ELITE 13™

WITH R410A  
REFRIGERANT

Disposable filters should be replaced with a filter of the same type and size. If you are unsure about the filter you need for your system, call your independent Lennox dealer for assistance.

### Important!

Turn off electrical power to the unit at the disconnect switch before performing any maintenance. The unit may have multiple power supplies.

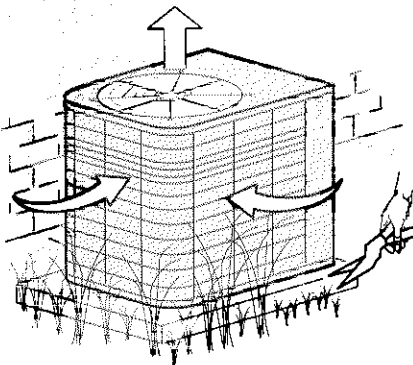
Many indoor units are equipped with re-usable foam filters. These filters can be cleaned with a mild soap and water solution. Rinse the filter thoroughly and let it dry completely before returning it to the unit or grille.

The filter and all access panels must be in place any time the unit is in operation.

Your system may be equipped with an electronic air cleaner which will provide respiratory relief by removing up to 90 percent of all airborne particles which pass through it. If it is, ask your dealer to instruct you on its maintenance.

Your indoor evaporator coil is equipped with a drain pan to collect condensate formed as your system removes humidity from the inside air. Have your dealer show you where the main condensate drain (and auxiliary drain, if applicable) runs and how to check the drain for any obstruction.

It is also very important to provide unrestricted airflow to the outdoor unit. Leaves, trash or shrubs crowding the unit cause the outdoor unit to work harder and use more energy. Keep shrubbery trimmed away from the unit and periodically check for debris which may have collected around the unit.



### LENNOX DEALERS

Nobody knows more about the care and operation of your new Lennox equipment than your Lennox dealer. This means that your Lennox dealer is your best choice for routine maintenance or service. Lennox' Quality Dealer Standards program ensures that when you call your Lennox dealer, you can count on prompt, courteous and professional service.

Before the start of each cooling season, the following air conditioning service checks should be performed by a qualified service technician. As always, electrical power to the unit must be turned off prior to any unit maintenance.

- The outdoor condenser coil and indoor evaporator coil should be inspected and cleaned. The outdoor condenser coil may be flushed with a water hose.
- The refrigerant lines should be visually inspected and the coils should be checked for leaks.
- Wiring should be checked for loose connections.
- Voltage must be checked at the indoor and outdoor units (units operating).
- The amp-draw at the condenser fan motor and indoor blower motor should be checked. Values should be compared with those given on the unit nameplate.
- Indoor unit filters should be cleaned or replaced.
- The refrigerant charge should be checked and system pressures should be gauged.
- The condensate drain line should be checked for free and unobstructed flow and it should be cleaned, if necessary.

**LENNOX** ELITE SERIES

## THERMOSTAT OPERATION – COMFORT IS AT YOUR FINGERTIPS

Though your thermostat may vary somewhat from the description below, its operation will be similar.

### TEMPERATURE LEVERS

Set the indicator lever or dial to the desired temperature setpoints for both heating and cooling.

### FAN SWITCH

In AUTO or INT mode, the blower operates only when the thermostat calls for heating or cooling. This mode is generally preferred when humidity control is a priority. The ON or CONT mode provides continuous indoor blower operation, regardless of whether the compressor or burners are operating. This mode is required when constant air circulation or filtering is desired.

### SYSTEM SWITCH

Set the system switch for heating, cooling or auto operation. The auto mode allows the system to automatically switch from heating mode to cooling mode to maintain predetermined comfort settings.

### TEMPERATURE INDICATOR

The temperature indicator displays the actual room temperature.

### PROGRAMMABLE THERMOSTATS

Your Lennox system may be controlled by a programmable thermostat. These thermostats provide the added feature of programmable setpoints for both heating and cooling. Refer to the user's information manual provided with your particular thermostat for operation details.

## BEFORE YOU CALL

If your system fails to operate, check the following before calling for service:

- Check to see that all electrical disconnect switches are ON.
- Make sure the room thermostat temperature selector is properly set.
- Make sure the room thermostat system switch is properly set.
- Replace any blown fuses, or reset circuit breakers.
- Make sure unit access panels are in place.
- Make sure air filter is clean.
- Locate unit model number and have it handy before calling.

# **LENNOX®**

Dealer Name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Unit Model Number: HS32 - \_\_\_\_\_

Installation Date: \_\_\_\_\_

©1999 Lennox Industries Inc.  
Dallas, Texas



**TP** Technical  
Publications  
Litho U.S.A.